

TCCATGCTGCACTGTGTGGCCAACCCCATCCTCTACAACCTTCTCAGCCCGAGCTTCCGGGGCC  
GACTGCTGAGCCTTGTGGTTCGTTACCTTCCCAAGGAGCAGGCCAGGGCAGCAGGTGGTCGTGC  
CTCCTCTTCTTCTTCCACCCAGCACTCCATCATCATTACCAAAGAGGGCAGCCTGCCCGCTGCA  
GCGGATCTCCACACCCACCCCATCCGAAACGTTCAAGCGTCCTCTCCGCCTCCAAACACCTCAC  
CTACACTCTGCAATTCCGTAGCCAGCTAAGGTAGACTCTAGCTTCCTCCACCAATAAGAAAGTT  
CAGAGGGGGATGCGAGAGGTCTGTGGGAGGGGGTGGGAAGGACTGGCTTGTTTCAGGGCCAATTT  
AAGTATATCAAAACGTTGCTGTGGGGAGAGGGAAACGGTTCGGGAAGGACAGAGAATGGATCTT  
TCCTTGATAGTACACTATTTGTTTGGGTACTGATGTCTAAGGGAGCCACACCGGTGGGGCGTGG  
GGGTGGGGAAGCG (SEQ ID NO:1)

**FIGURE 1**

2020年6月5日

underlined = deleted in targeting construct

[ ] = sequence flanking Neo insert in targeting construct

【TCCATGCTGCACTGTGTGGCCAACCCCATCCTCTAC】AACTTTCTCAGCCCGAGCTTCC  
GGGGCCGACTGCTGAGCCTTGTGGTTCGTTACCTTCCCAAGGAGCAGGCCAGGGCAGCAG  
GTGGTCGTGCCTCCTCTTC【TTCTTCCACCCAGCACTCCATCATCATTACCAAAGAGGGC  
AGCCTGCCCCGCTGCAGCGGATCTCCACACCCACCCCATCCGAAACGTTCAGGCGTCCCTCT  
CCGCCTCCAAACACCTCACCTACACTCTGCAATTCCGTAGCCAGCTAAGGTAGACTCTAG  
CTTCCTCCACCAATAAGAAAGTTTCAGAGGGGGATGCGAGAGGTCTGTGGGAGGGGGTGGG  
AAGGACTGGCTTGTTTCAGGGCCAATTTAAGTATATCAAAACGTTGCTGTGGGGAGAGGGA  
AACGGTTCGGGAAGGACAGAGAATGGATCTTTCCTTGATAGTACACTATTTGTTTGGGTA  
CTGATGTCTAAGGGAGCCACACCGGTGGGGCGTGGGGGGTGGGGAAGCG】

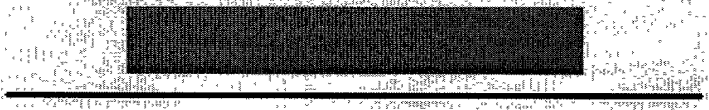
FIGURE 2A

109070" 6F500660

Gene Sequence Structure  
\*

37 bp      Sequence Deleted      137 bp

Size of partial cDNA: 526 bp



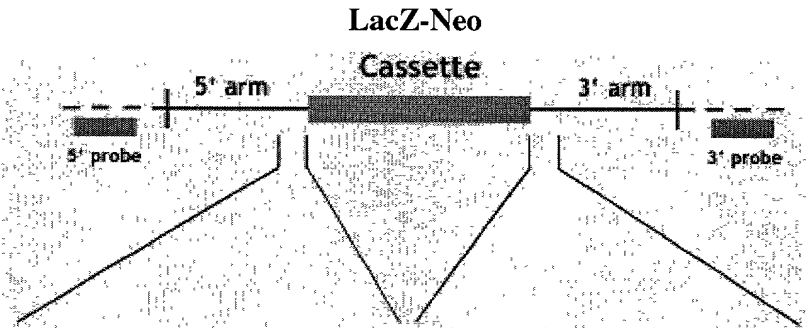
Targeting Vector\* (genomic sequence)

Construct Number: 3267

Arm Length:

5': 2.5 kb

3': 1.8 kb



<p>5'&gt;GGCGCCACTGCCTGTTGATGT GGGCTTACATAGTTGTCTTTGCCA TCTGCTGGCTGCCCTACCAAGTGA CTATGCTGCTGCTCACTCTGCACG GGACCCACATCTCCTCCACTGTC ACCTGGTTAACCTTCTCTACTTCT TCTACGAAATCATCGACTGCTTTT CCATGCTGCACTGTGTGGCCAACC CCATCCTCTAC&lt;3' (SEQ ID NO:2)</p>	<p>5'&gt;TTCTTCCACCCAGCACTCCAT CATCATTACCAAAGAGGGCAGCCT GCCCCTGCAGCGGATCTCCACAC CCACCCATCCGAAACGTTTCAGGC GTCCTCTCCGCCTCCAAACACCTC ACCTACACTCTGCAATTCTGTAGC CAGCTAAGGTAGACTCTAGCTTCC TCCACCAACAAGAAAGTTCAGAGG GGGATGCGAGA&lt;3' (SEQ ID NO:3)</p>
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FIGURE 2B